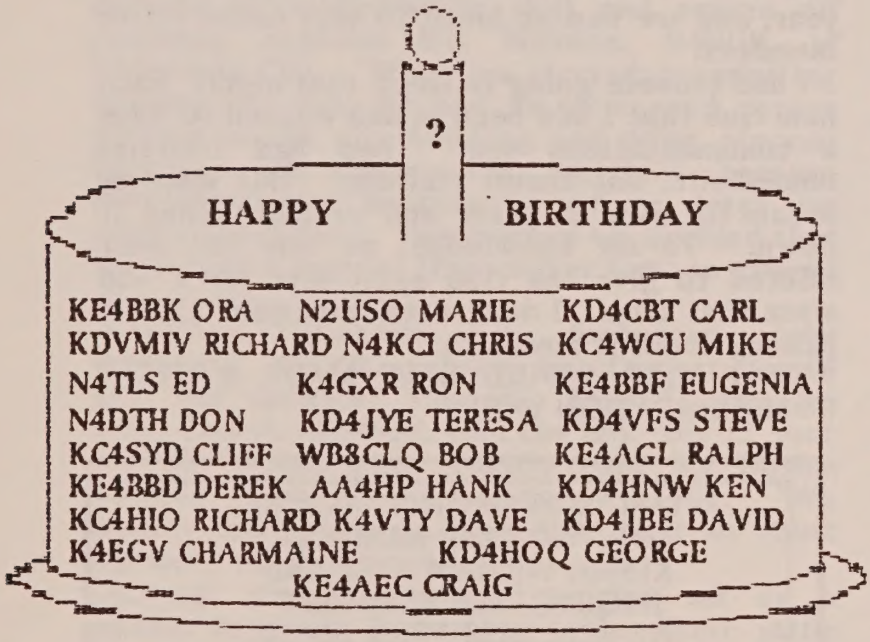
TARC NEWSLETTER

TITUSVILLE AMATEUR RADIO CLUB

NOVEMBER, 1993

OFFICERS

President: Bud Hughes K4CWG 269-0779 Secretary: Jerry Russell KC4UFI 267-2157
VicePresident: Cliff Hoag KC4SYD 267-7030 Treasurer: Clyde Lee K4EOS 267-9375


?
HAPPY
BIRTHDAY
KE4BBK ORA N2USO MARIE KD4CBT CARL
KDVMIV RICHARD N4KCI CHRIS KC4WCU MIKE
N4TLS ED K4GXR RON KE4BBF EUGENIA
N4DTH DON KD4JYE TERESA KD4VFS STEVE
KC4SYD CLIFF WB8CLQ BOB KE4AGL RALPH
KE4BBD DEREK AA4HP HANK KD4HNW KEN
KC4HIO RICHARD K4VTY DAVE KD4JBE DAVID
K4EGV CHARMAINE KD4HOQ GEORGE
KE4AEC CRAIG

PRESIDENT'S CORNER

By Bud Hughes K4CWG

As president of your club, I am proud of what you have accomplished in making our club what it is today. You have shown friendship, participated in numerous club functions and have promoted good will. Your efforts have paid off and my sincere thanks to every member for being who you are.

It is that time of year again and the Jaycees have asked us for assistance in their annual Christmas parade. If you want to enjoy a good time and be a part of a very worthwhile cause, why not plan on coming down to the Titusville High School parking lot Saturday Evening, December 4, 1993.

The election of officers and board members will take place at the Nov. 23rd club meeting. You surely want to be there and participate in the election of those who will lead your club in the upcoming year.

It is with great sadness that we bid farewell to two of our dearest members. William (Bud) Ayer K1SJO and Fred (Candy) Allemeier N4QEM. We will miss Bud and Candy. Our love and sympathy goes out to the families.

The next amateur radio test session will be held 11/23/93 beginning at 4:00 p.m. TARC VES will conduct the exams for those who wish to take any of the elements for upgrade or new licenses.

On the 27th of Nov. (fourth Saturday) the monthly commercial radio examinations for elements 1 & 3 will be administered.

We now have the results of our field day operations. According to QST the TARC was 43rd from the top, or 77th from the bottom - which ever sounds best. We operated in the 4A class and again, thanks to our gang for another job well done. Best of 73's

SIMULATED EMERGENCY
By Ralph Hall, KE4AGL

TARC members taking part in the Melbourne Airport simulated emergency exercise enjoyed a morning of learning, participation and accomplishment.Twelve TARC members assisted in the exercise; KA4LTK, Lloyd; W4EPU, Pike; KD4RSN, Ray; KD4VFU, Jack; KE4AGL, Ralph; KO4NQ, Frenchie; KV4BY, Clarence; N9EZV, Ken; K3KS, Dan; KC4VIO, Jose; KC4WCU, Mike; KC4WWG, Walt.

>Members worked in hospital emergency rooms, with victims of the crash, ambulance dispatchers, firemen, nurses, and anywhere else they were needed. The exercise was staged for several reasons: 1) to check readiness of the airport and city for handling emergencies. 2) to train personnel to work together in an emergency. Close to 500 people were active participants in the exercise. The students from surrounding High and Middle School drama clubs did a good job of playing their parts as victims, in full make up.

>If opportunity presents itself, other members will definitely want to participate.

IT MIGHT HAVE BEEN
By Les, K4BZJ

The year was 1979 and the Titusville Amateur Radio Club was well into their third year after rejuvenation in 1976. After two and a half years, K4ZS decided that he didn't want to be President any longer. In November of 1978, elections were held and WA4CUO, Bill Hoskinson became president.

>The Repeater Association was a separate entity and was not part of the TARC. The club had participated in three Field Days, two or three demonstrations at the Mall, and was used to man Red Cross sites on launch dates. With approximately 35 members, we would have 25 show at each meeting which was held at the Chamber of Commerce. For $50 a year, TARC had joined the Chamber and was allowed to use the meeting room free of charge.

>We had often talked of a communications van to enable the club to have mobility and to retain antennas, generator and operating setups in one position. We would bring our own designated transceivers and be operating quickly. We were hoping to find a cheap travel trailer to accomplish this mission.

>We had used the Dodge Motor Home provided by the Sheriff's department for Field Day in 1977 and 1978. This Motor Home had originally been purchased by the City of Titusville in 1970 to be used for community service. This need must have passed because when we used it, it was in the possession of the Sheriff's Departments Swat Team.

>At a monthly meeting, our President came to the meeting driving an almost new Ford two-ton truck with a 24 foot box on it. It had 18,000 miles, was in excellent shape and would have made an excellent communications van. It even had walk through from the front cab to the rear. It's cash value had to be near $10,000.

>During the meeting, Bill told us that the truck was from a drug bust and the Sheriff was willing to present it to TARC for communications purposes. We talked over the different things we could do to make it ready. We also mentioned that we would have to have some one responsible for the truck, pay insurance, and have a safe place to park it.

>When we voted on whether we wanted to accept the truck, the vote was negative. We had $350 in our Treasury, our dues were $3 per year, and we had at least 30 very conservative members.

>I had trouble going to sleep that night. Each ham club that I had been in had wanted to have a communications van. Two had trailers, home-built, not travel trailers. This was my dream for over 25 years and we had turned it down. To my knowledge, no one has ever offered to give the club equipment for a van since that time. I don't even remember anyone talking about it any more.

>THAT FORD WOULD HAVE MADE A GREAT COMMUNICATION VAN!

TARC MOURNS THE PASSING
OF TWO CLUB MEMBERS.
K1SJO, WILLIAM AYER AND
N4QEM, FRED ALLEMEIER
WE WILL MISS THEM BOTH.

"FOXY" LADIES OUTFOX THE OMs
By: Connie Dunn KB5LES

The family that plays together finds the fox. That is, if you're playing a game of transmitter hunting, as a group of Oklahomans does every Saturday night. The game is to find the hidden transmitter or "fox", which is always hidden in a public place to which you can drive. The hams play this game of hide-and-seek only in safe areas of the city, and they don't limit it to adults: They let their children in on the fun, and the women often lead the hunt!

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>As dusk falls over Oklahoma City, as many as two dozen or more Amateur Radio buffs gather at a restaurant parking lot on the northwest side of the city. The "fox" (one amateur or a team of hams) goes to hide. The rest of the group follows later, after getting a signal from the fox. The hunt is on! They head out with a variety of antennas: Verticals, beams and switched-phase antennas mounted to bumpers or balanced atop their cars, trucks and vans. The hunters are equipped with maps, plotters, compasses and other paraphernalia to "outfox" the other teams and locate the "fox" by driving the fewest number of miles.
>Foxhunting can be done with a hand-held radio, but most DFing (direction finding) enthusiasts use more sophisticated equipment to pinpoint a signal's source. The hunt is often complicated by signals that bounce off buildings, and terrain can affect the signal strengths.
>Foxhunting (also called bunny hunting, T-hunting and transmitter hunting) helps develop direction-finding skill and scares off jammers, explains Bill Wilburn, N4NUK, of Oklahoma City. "When we started transmitter hunting last fall, we had an unlicensed person getting on the air, belching and using obscene language. He disappeared, we think, because our transmitter hunting helped to deter his illegal operations. That's when we decided that we needed a regular transmitter hunt to give us experience."
>Another Oklahoma City foxhunter, John Brassfield, N5SAM, proudly boasts that his 14 year old daughter Shannon, KB5RBX, and his wife, Cheryl, KB5WQR, join the fun. His 12 year old son Jason, who recently took his Novice written exam, also likes to go along. "We usually chase shadows," says John, "but we think we were the first ones here tonight."
>Cheryl and Shannon often pair off as a mother-daughter foxhunting team. Their skills at foxhunting are as good as any of the men's. And their enjoyment of the sport is obvious. "We like being the fox, because we like being the "foxy ladies!" says Cheryl.
>Cheryl followed Shannon and John into the hobby several months ago. "I got my license because they encouraged me," she says. "I have my codeless Technician license."
>The adventure of finding the fox or the tension of trying to find an illegal transmitter seems to appeal to teens and adults - male and female. Earl Draper, KJ5HN, another Oklahoma City resident, said he got into Amateur Radio about 14 months ago, and about six months ago he went on his first foxhunt. He took along his wife, Kim, who's studying for her license, and admits that transmitter hunting is a lot of fun. "This is what we do on Saturday night," she said. "I do the navigation. I turn the beam and watch the meter and I try to plot it on the map. But when we first started, we just used a hand-held transceiver."
>After she gets her license, she, Cheryl and Shannon "can be the 'foxy ladies' together!", Kim says with a smile.
>As the last of the foxhunting teams find the fox, the moment of truth settles over the group. It was time to determine the winners. Everyone turns in their mileage and gathers around in suspense. Cheryl and Shannon emerge from the group and shout, "We won the fox! We get to hide next time!"
>Moments later, their faces and hopes fall good-naturedly when they find that someone else has beaten them by two-tenths of a mile.
>As their Saturday night ritual hunt ends, it's time to retire to a nearby restaurant and relive the hunt. As soon as everyone has ordered and settles down, Jason asks to see the mileage sheet. He begins refiguring the totals, hoping it will come out differently.
>"I've never been the fox," he says hopefully, looking up from his burger and figures.
>"This is mostly a social activity," Shannon reminds him. "Dad, is it time for the Night Owl Net?"

A TRIBUTE TO CHARLEY
By W3MXP

It took a twenty meter beam for me to find Charley. It was sitting on top of his roof and it looked large and powerful to me. It was located just off of Second Street in North Philadelphia and was on my route home.
>It was October of 1950 and I was studying very hard to take my Class "B" Ham Radio examination. The theory was no problem for me since I had gone to school for a year on general electronics, radio and radar. To learn the code, I had rented and Instructograph. This was a code oscillator that had an electric motor that pulled perforated paper tape past electrical contacts. At this time, I was into my second month and at $4.00 per month, I badly needed to pass my test and return the unit.
>On a Sunday afternoon, I was cruising with my girlfriend and passed by the twenty meter beam. I had been thinking of knocking on the door and introducing myself, but I wasn't sure that this would be proper. I had finally decided to make the trip and no time seemed better than now.
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>When I knocked on the door, Irma met me and said that her husband was upstairs on the radio at this time. She called up to Charley and he came down to meet me. After I had introduced myself, I went with Charley to the upstairs bedroom and viewed my first "HAM SHACK".
>Charley started explaining his equipment to me. His receiver was a Hallicrafters SX-42 which was two feet wide, sixteen inches deep and a foot high. It must have weighed fifty pounds and the lighted front dials looked great to me. I had a Hallicrafters S-40A but it left a lot to be desired.
>The transmitting equipment was all home built. The transmitter was large and could put 500 watts of AM to the antenna. The power supply was very large and was on the floor. After 45 minutes of viewing this wonderful equipment and listening to Charley telling me about it, Irma came up and asked me if I had left someone in the car. I admitted that I had left June and she told me to bring her in. With Irma entertaining June, I was able to return upstairs with Charley who made a few contacts on twenty.
>I passed my license exam and had a two month wait for the ticket. Charley found a Gonset ten meter converter for me and helped me with the installation in the car. He also found a PE-103 dynamotor and helped me install my spring mount and whip. I bought a Stancor ST-203-A transmitter kit for $27.50 and after a day of soldering, I was devastated when I took it to Charley and it didn't work. It took Charley ten minutes to find the problem, move the wire to the correct terminal and put high voltage to the transmitter and make a local contact on ten meters. It was great to have a station. I had spent almost $75 on my mobile setup to get on the air.
>Charley took me to a meeting of the Philmont Mobile Club and introduced me to about thirty hams. This club was new and is still in existence, meeting at the Franklin Institute in Philadelphia. After getting my license, I talked to club members daily on ten meters from the car. My 1950 Nash Statesman had a six volt-28 amp generator and I had to run the motor when I operated for the dynamotor drew 60 amps from the system. Most mornings I had to push my car down a slight incline for three blocks until I reached a hill large enough to get the car started. I ruined two generators in my first six months on the air.
>I left for Korea six months after getting my license but I had learned a lot. Even though ten meters was on the low side, there was activity in Philadelphia. I learned to talk to Irma and play with the baby for I knew Irma would bring cake, or pie with milk or coffee at 9:30 PM. I was single and this really hit the spot. Anything that I needed, Charley had or could tell me where to get it.
>When I returned to the Philadelphia area after a fifteen month absence I continued going to Charley's house as much as possible. I was married now and Pat would go with me and spend the time with Irma. This continued for two more years before I left for Pensacola. I tried to make schedules with Charley but very seldom made contact. I would return to Philadelphia occasionally to see Pat's family, but I was lucky if I found time to see Charley and Irma.
>I was shocked in 1974 when I received a call from Irma telling me that Charley had died of cancer. Charley was in his early fifties and it didn't seem right for him to die. I guess that he would be referred to as an "ELMER" now. I didn't know anything about an Elmer, but I do know that Charley was a good friend and I miss him.

QST AUTHOR MAKES GOOD
By K1ZZ Dave Sumner

Back in the late 1950's there were two brothers, Joe, K2ITP and Hal, K2ITQ, in Riverton, NJ. Together they built a competitive VHF contest station with which, among other things, they set a record for QSO's and total score in the 1958 VHF Sweepstakes. In fact, they were so successful that Joe wrote an article for December 1958 QST entitled "Working Ionospheric Scatter on 50 MHz" or "DX when the Band is Dead." Joe was 17 years old at the time.
>Fast forward to 1993. The news from Sweden is that the Nobel Prize Committee has awarded the physics prize to two astrophysics researchers for their 1974 work with pulsars, using the Arecibo dish. The researchers are Dr. Joseph Taylor, Jr. and his (then) graduate student, Russ Hulse.
>Dr. Joseph Taylor, now K1JT, is ex K2ITP. And he's happy to tell reporters that it was his early interest in Amateur Radio that led him to a career in physics.
>By the way, the late Sam Harris, W1FZJ, past QST VHF columnist, and Hank Cross, W1OOP, were among those on the Arecibo staff who assisted with the 1974 experiments.
>There is a picture of young Joe Taylor in April 1958 QST, page 66, in the VHF contest results.
>You know that guy who keeps whining that contesters are a blight on humanity who never do anything worthwhile? Gee, maybe he's right.....

WHO IS HE???

IS HE RETIRED, OR WHAT???

TREASURER'S REPORT - YEAR TO DATE
By K4EOS, Clyde Lee

Transferred from old acct.	977.82
DEPOSITS: 50/50,ARRL,dues,donations dues,hamfests,interest,TARCFEST, loan,stu.fees,Xmas pty.,shirts	6754.33
TOTAL INCOME	7732.15
EXPENSES: ARRL.bnk.chgs,Bud loan gifts,Ins.Off.supp,POBox,postage, printing,stu.bks tel, Xmaspty., Exam. fees,fldday, TARCFEST, hamfest,inc.fee,jc's,reptr,	6520.22
BALANCE AS AT10/31/93	1211.93
Bud's loan bal.as at 12/31/92	2333.00
Paidthrough10/31/93	1521.50
BALANCE DUE BUD	811.50

RS-12/13 EXPERIENCES (IT'S COOL)
By Dana Myers, KK6JQ

I've monitored RS-10/11 and RS-12/13 a few times, and even listened to my 2m uplink signal on the RS-10/11 10m downlink, but I've never really made any contacts.

>The recent mention of the RS-12/13 CW robot made me curious, so I set my Yaesu FT-747 up for split 15m/10m operation and listened to a few passes. Since I'm using a transceiver, I couldn't listen to my own signal, but I guessed the amount of Doppler correction I needed based on how far the 29.407 MHz telemetry was shifted.

>My first attempt at CQ was short, something like "CQ CQ DE KK6JQ KK6JQ K" and immediately I heard AA7RV calling me (Long CQs are not a good idea on the birds when a pass is only 10 to 15 minutes long:-). It was so easy to work this, I made several more contacts on subsequent passes.

>I was talking about this with a couple of local hams on a popular 2m repeater, and then we shifted off to simplex, and arranged to work RS-12 on the next pass. It turns out we had several eavesdroppers, because the next RS-12/13 pass was a hotbed of local hams making their first satellite QSOs.

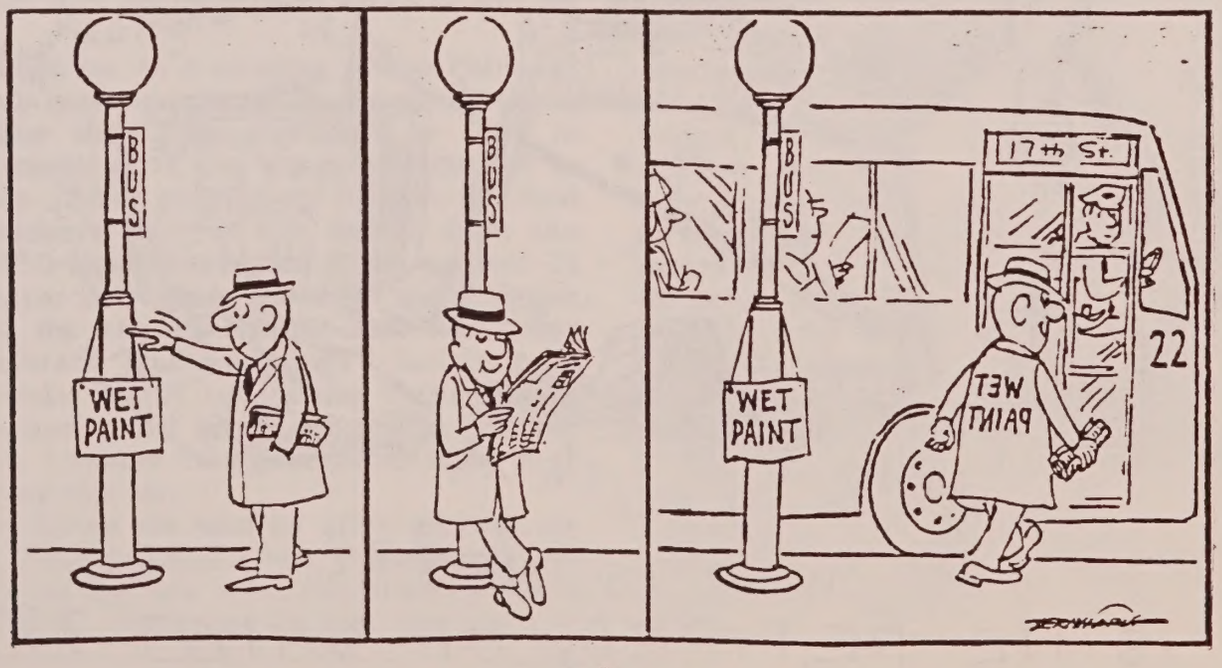
>Today, before coming into work, I heard one of my local buddies on RS-12 again, with a smashing signal, the best he's had yet. He mentioned that he was "mobile"!

>The uplink is currently configured to be 21.210 - 21.250 MHz, and the downlink is at 29-410 - 29.450. It seems that the offset is really about 8,201 MHz +/- Doppler shift. The telemetry beacon is at 29.407 MHz, and the robot is at 29.454 MHz. The robot listens at 29.129 MHz. I tried to work the robot repeatedly, but the downlink from the robot was somewhat garbled, as if the computer software was buggered.

>We were all using 80-100W with verticals and inverted Vs, nothing fancy. It doesn't take much to work the RS birds, and RS-12 with HF uplink and downlink both is really easy.

>The only drawback is that you must hold an Advanced or Extra to transmit on the uplink in the US. If the CW robot is working, a Novice can use it.

>If you haven't tried it, and your radio does split band operation (it seems that most new ones trivially do), give it a try. You'll enjoy it!



ABELL'S ANECDOTES
By Pike Abell W4EPU

My nephew is a brick layer. The following is his response to questions by his insurance company regarding an accident report he had previously filed:

Dear Sir:

I am writing in response to your request for additional information in block #3 of the accident reporting form. I put "trying to do the job alone" as the cause of my accident. You said in your letter that I should explain more fully, and I trust that the following details will be sufficient.

I am a brick layer by trade. On the day of the accident, I was working alone on the roof of a new six story building. When I completed my work, I discovered that I had about 500 pounds of brick left over. Rather than carry them down by hand, I decided to lower them in a barrel by using a pulley which fortunately was attached to the side of the building at the sixth floor.

Securing the rope at ground level, I went up to the roof, swung the barrel out and loaded the brick into it. Then I went back to the ground and untied the rope, holding it tightly to insure a slow descent of the 500 pounds of bricks. You will note in block #11 of the accident reporting form that I weigh 135 pounds.

Due to my surprise of being jerked off the ground so suddenly, I lost presence of mind and forgot to let go of the rope. Needless to say, I proceeded at a rather rapid rate up the side of the building.

In the vicinity of the third floor, I met the barrel coming down. This explains the fractured skull and broken collarbone.

Slowed only slightly, I continued my rapid ascent, not stopping until the fingers of my right hand were two knuckles deep into the pulley.

Fortunately, by this time I regained my presence of mind and was able to hold tightly to the rope in spite of my pain.

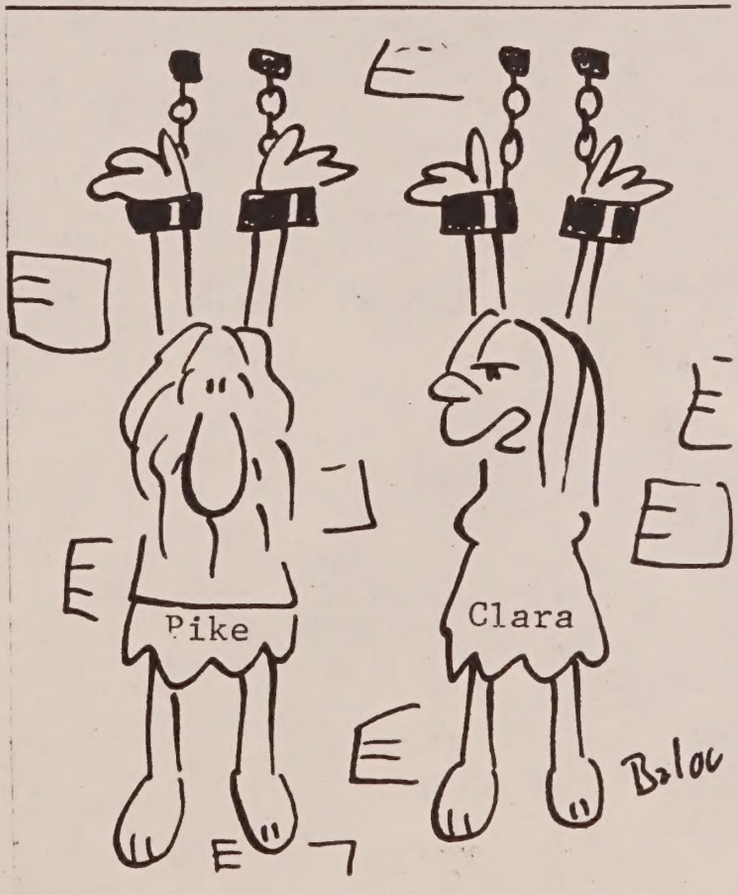
At approximately the same time, however, the barrel of bricks hit the ground and the bottom fell out of the barrel. Devoid of the weight of the bricks, the barrel now weighed approximately 50 pounds.

I refer you again to my weight in block #11. As you might imagine, I began a rapid descent down the side of the building.

In the vicinity of the third floor, I met the barrel coming up. This accounts for the two fractured ankles and the lacerations of my legs and lower body.

The encounter with the barrel slowed me enough to lessen my injuries when I fell onto the pile of bricks, and fortunately, only three vertebrae were cracked.

I am sorry to report, however, that as I lay there on the bricks in pain, unable to stand, and watching the empty barrel six stories above me, I again lost my presence of mind. I LET GO OF THE ROPE!



"You and your letters to the editor!"

MEMBERSHIP UPDATE

Total Membership: 230 (includes 39 family members & 8 honorary)

New Members:
W9IOS BILL KARR
NOT YET JERRY CHANDLER
NOT YET MIKE SAUNDERS
KB4EHH KEN MURRAY
NOT YET BARBARA MURRAY

Renewals:
AA4FY NORM FOSTER
KD4GPF JOE MEYERS
KD4HOP DICK SHORE
WD8JLT BRIAN SONNENBERG
N4KCI CHRIS BEST
KD4PLA WILLIAM HEIL

UPCOMING HAMFESTS

11/20-21-	Tampa	Expo Hall,FL St.Fairgrnds Talk-in on 146.940
12/4 -	Okeechobee	Agricul.Ctr.Bldg. on US441 Talk-in on 147.195
1994		
1/15	Ft. Meyers	Shady Oaks Comm.Ctr. Talk-in on 146.880
1/22	Crystal River	Crystal River Armory Talk-in on 146.955
1/22-23	Sarasota	Robards Spts. Arena Talk-in on146.910&146.730
1/23	Pinellas Park	61st St. N. Talk-in on 147.060
2/5-6	Miami	Dade Co.Expo Ctr. Talk-in on 146.925
2/12	Pensacola	Bayfront Municipal Aud. Talk-in on 146.760&444.925
2/12	Arcadia	Am.Legion Hall on Hwy.70 Talk-in on 147.075
2/19-20	Orlando	Fairgrounds Talk-in on 146.760
2/26	Stuart	FREE-Langford Park Talk-in on 147-060
2/26	Brooksville	Hernando Co.Fairgrnds Talk-in on 146.715

TITUSVILLE AMATEUR RADIO CLUB
P.O.BOX 73
TITUSVILLE FL 32781

HAPPY THANKSGIVING